

Figure 1 consists of 11 sub-diagrams labeled (a) through (k), arranged vertically. Each diagram shows a cross-section of a fluid flow with a central vortex core. The diagrams illustrate the evolution of the vortex structure over time. (a) shows a single vortex core. (b) through (j) show the development of a secondary vortex core and the eventual formation of a dipole vortex. (k) shows the final dipole vortex structure. The diagrams illustrate the spatial distribution of the stream function and the velocity field.

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